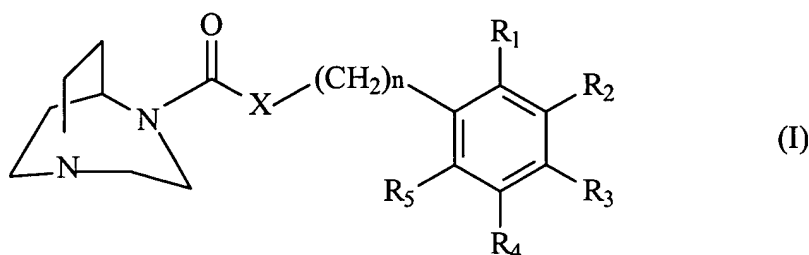


In the claims:

1. **(currently amended)** A compound corresponding to the formula (I)



in which

X represents an oxygen atom or a group of formula NZ in which Z represents a hydrogen atom or a (C<sub>1</sub>-C<sub>6</sub>)alkyl group,

n represents a number 0, 1 or 2, and

R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> each represent, independently of each other, a hydrogen or halogen atom or a trifluoromethyl, trifluoromethoxy, ~~nitro~~, cyano, hydroxyl, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, phenoxy or phenyl group optionally substituted with a halogen atom or a trifluoromethyl, cyano, hydroxyl, (C<sub>1</sub>-C<sub>6</sub>)alkyl or (C<sub>1</sub>-C<sub>6</sub>)alkoxy group, or alternatively R<sub>2</sub> and R<sub>3</sub> together form a group of formula -OCH<sub>2</sub>O- or -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-, or alternatively R<sub>3</sub> represents nitro, in the form of a base or of an addition salt with an acid.

2. **(canceled)**

3. **(previously presented)** A pharmaceutical composition comprising a compound according to Claim 1, combined with an excipient.

4. **(currently amended)** A compound according to claim 1 wherein X is O, NH or ~~NHCH<sub>3</sub>~~  
NCH<sub>3</sub>; n is 0 or 1; R<sub>1</sub> is hydrogen, bromo, methyl or methoxy; R<sub>2</sub> is hydrogen, methyl, methoxy, trifluoromethyl, fluoro or chloro; R<sub>3</sub> is chloro, bromo, methyl, methoxy, nitro, fluoro, hydrogen, phenyl, trifluoromethoxy or phenoxy; or R<sub>2</sub> and R<sub>3</sub> together form a group of the formula -OCH<sub>2</sub>O- or -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-; R<sub>4</sub> is hydrogen; and R<sub>5</sub> is hydrogen or methoxy; in the form of a base or of an addition salt with an acid.

5. **(previously presented)** A method for the treatment of Alzheimer's disease or schizophrenia which comprises administering to a patient in need of such treatment an effective amount of a compound according to claim 1.

6. **(previously presented)** A method for the treatment of Alzheimer's disease or schizophrenia which comprises administering to a patient in need of such treatment an effective amount of a compound according to claim 4.

7. **(new)** 4-Bromophenyl-1,4-diazabicyclo[3.2.2]nonane-4-carboxylate according to claim 1.

8. **(new)** A pharmaceutical composition comprising a compound according to claim 7, combined with an excipient.

9. **(new)** A method for the treatment of Alzheimer's disease or schizophrenia which comprises administering to a patient in need of such treatment an effective amount of a compound according to claim 7.

10. **(new)** A pharmaceutical composition comprising a compound according to Claim 4, combined with an excipient.